

## Special Issue

# Structural Rehabilitation, Retrofitting and Strengthening

### Message from the Guest Editor

Civil buildings and infrastructures are constantly subjected to the risk of extreme events—e.g., earthquakes, fire, and flooding—but also to aging, pollution, and lack of maintenance. In particular, the structural decay and material deterioration of strategic and/or historic buildings and infrastructures can entail serious economic damage or even danger of losing unique assets belonging to communities' cultural heritage. This Special Issue aims at collecting original papers on research, the state of the art, and case studies, covering developments concerning (but not limited to) the following topics:

- Sustainability in strengthening, rehabilitation, and retrofit; interventions and maintenance practices;
- Civil, strategic, and historic buildings and infrastructures;
- Repair and rehabilitation after earthquake, fire, flooding, and other extreme events;
- Short- and long-term monitoring and survey for retrofit and strengthening design.

### Guest Editor

Dr. Francesca Sciarretta

CY Tech Sciences et Techniques, Cergy Paris Université, 5 mail Gay-Lussac, Neuville-sur-Oise, 95031 Cergy-Pontoise CEDEX, France

### Deadline for manuscript submissions

closed (31 October 2021)



## Infrastructures

an Open Access Journal  
by MDPI

Impact Factor 2.9  
CiteScore 6.0



[mdpi.com/si/68594](https://mdpi.com/si/68594)

*Infrastructures*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[infrastructures@mdpi.com](mailto:infrastructures@mdpi.com)

[mdpi.com/journal/  
infrastructures](https://mdpi.com/journal/infrastructures)





# Infrastructures

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.9  
CiteScore 6.0



[mdpi.com/journal/  
infrastructures](https://mdpi.com/journal/infrastructures)



## About the Journal

### Message from the Editor-in-Chief

You are invited to contribute a research article, review or short communication for consideration and publication in *Infrastructures* (ISSN 2412-3811). There is no restriction on the length of the papers. *Infrastructures* is published in open access format. The scientific community and general public have unlimited free access to the content as soon as it is published.

*Infrastructures* is supported by the authors by the payment of article processing charges for accepted manuscripts. Please consider *Infrastructures* as an exceptional opportunity to publish your work.

---

### Editor-in-Chief

Dr. Pedro Arias-Sánchez

Applied Geotechnologies Group, Department of Natural Resources and Environmental Engineering, School of Mining Engineering, University of Vigo, 36310 Vigo, Spain

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, ESCI (Web of Science), Inspec, and other databases.

#### Journal Rank:

JCR - Q2 (Construction and Building Technology) /  
CiteScore - Q1 (Building and Construction)